

Figure 1

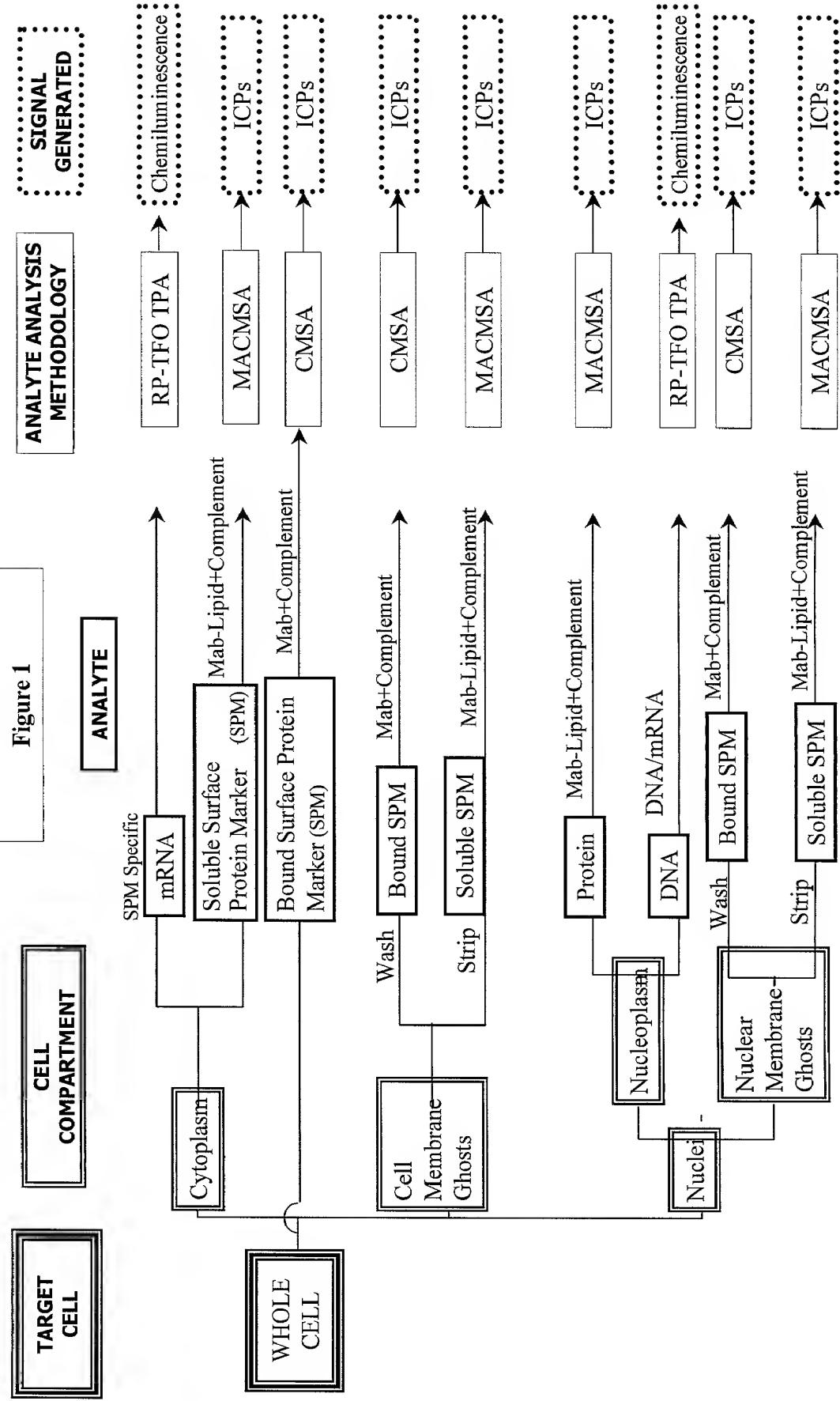


Figure 2

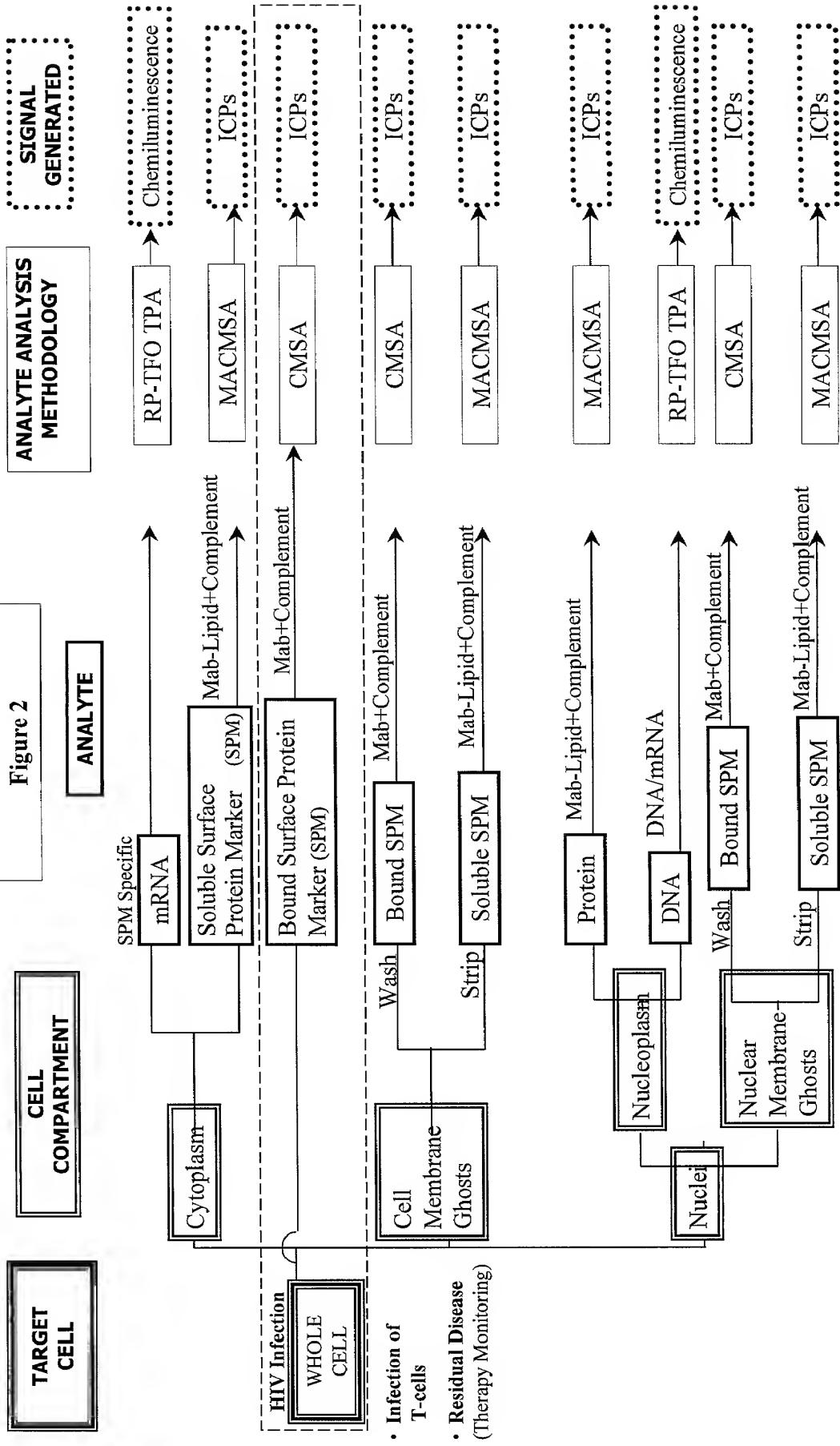
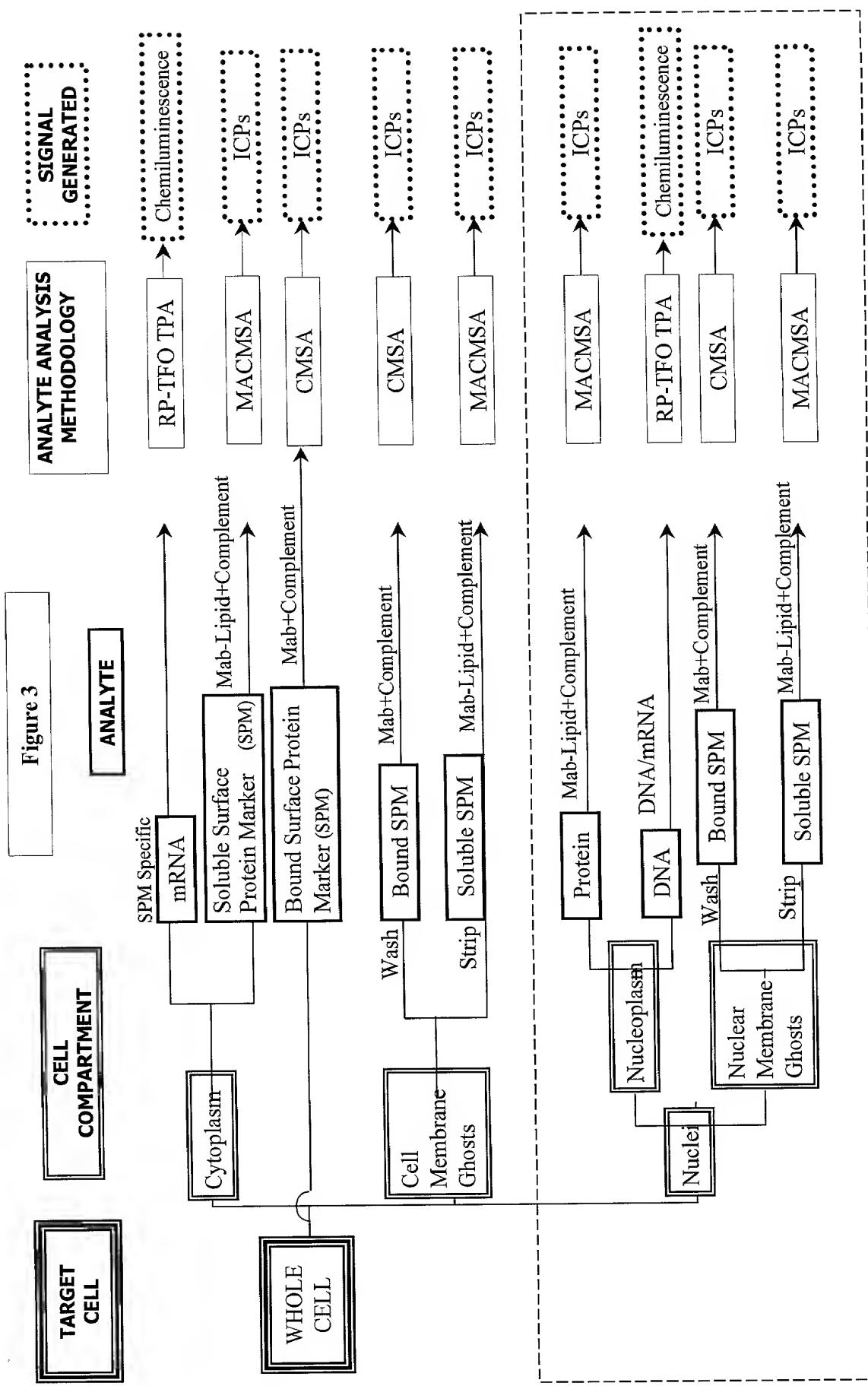
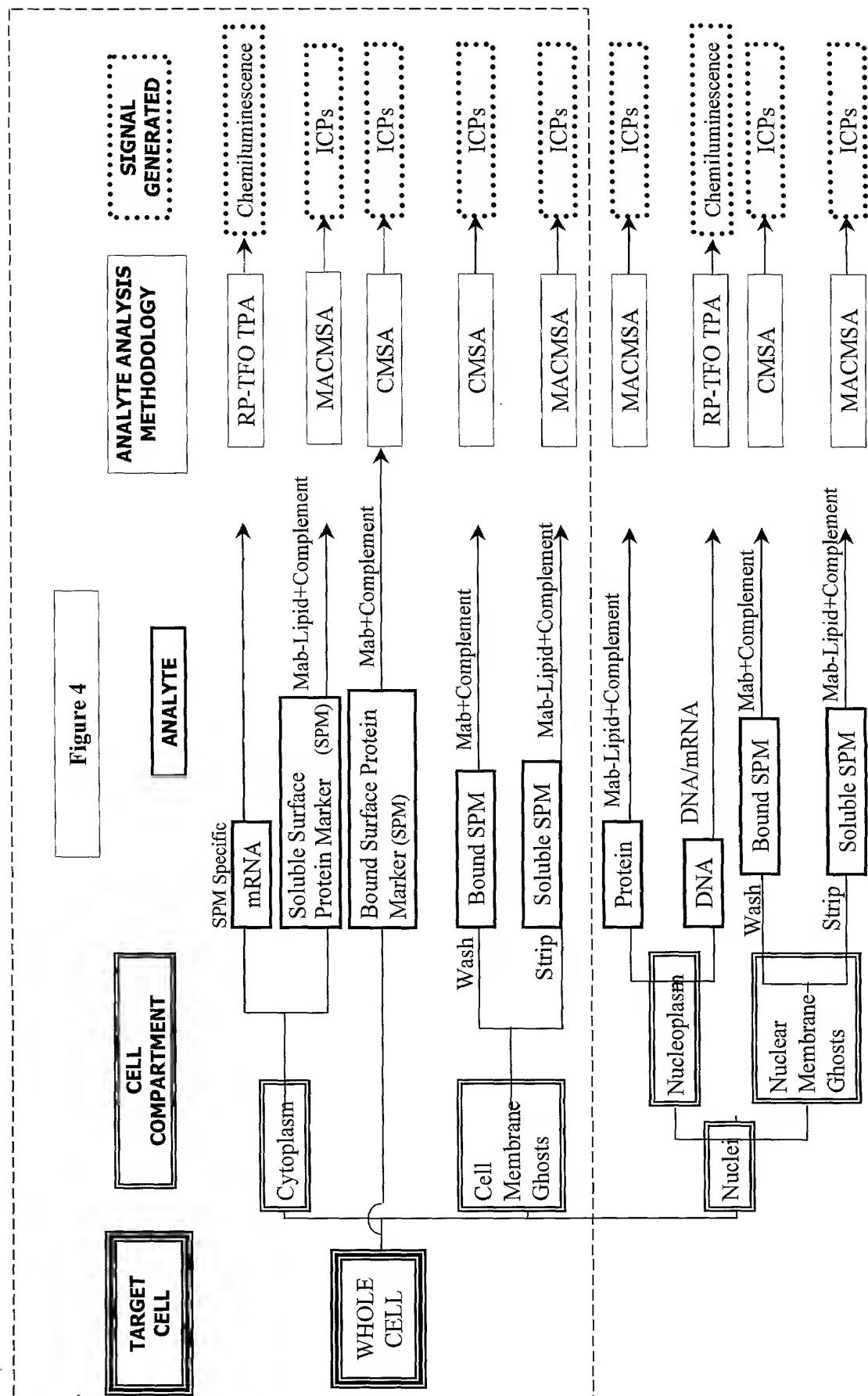


Figure 3





HP DYSPLASIA/CANCER SCREEN

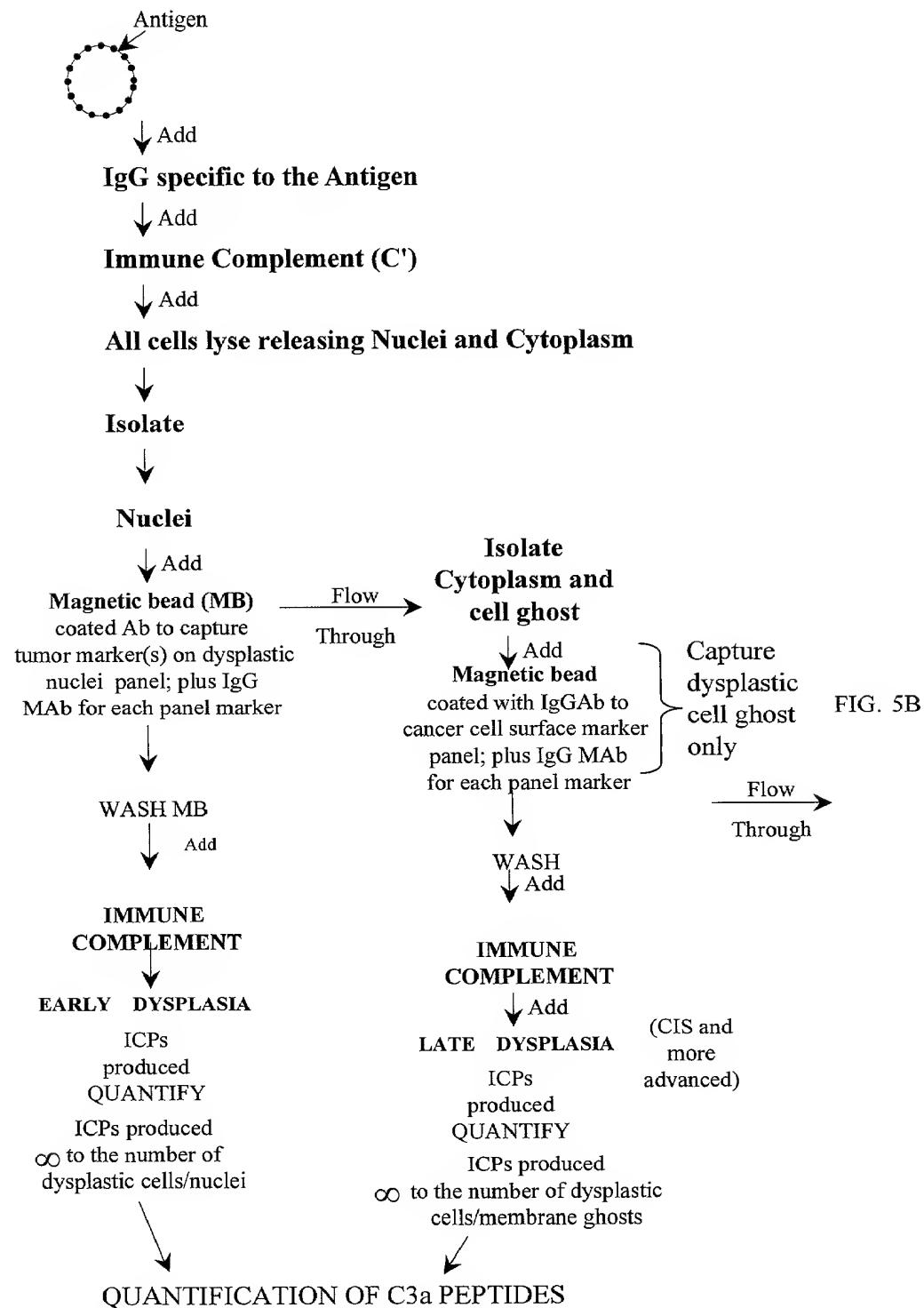


Figure 5A

**Collect
Cytoplasm**

(normal and
dysplastic cells)

↓ Add

Proteinase K
treatment
or SDS / KCL

Protein
denatured
precipitated
and removed

in solution

{ DNA
RNA

↓
Perform
DNA RP-TFO
DNA RFTA
mRNA RP-TFO
mRNA RFTA

←
Capture Target DNA or
mRNA on Magnetic Bead

↓ Add

Labeled Reporter Probe

↓

Quantify Signal

Figure 5B

CERVICAL EXFOLIATIVE CELLS ($\sim 5 \times 10^6$)

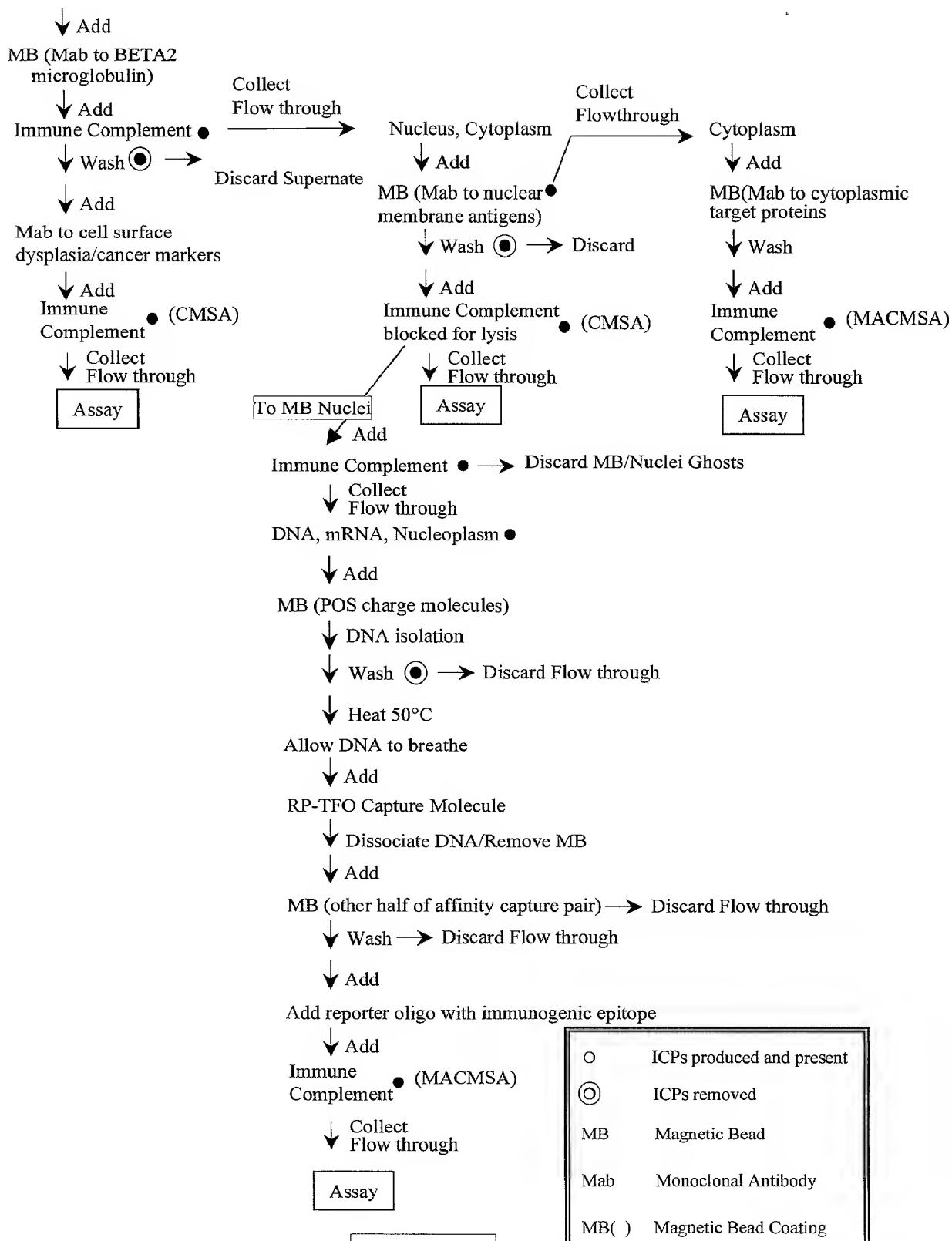


Figure 6

○	ICPs produced and present
○	ICPs removed
MB	Magnetic Bead
Mab	Monoclonal Antibody
MB()	Magnetic Bead Coating
Assay	Assay for C3a Peptides